Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110720\
Data File : BM027741.D
Acq On : 07 Nov 2020 02:47
Operator : JU/CG
Sample : L4485-06
Misc : SFAM-SIM-MDL-S-07
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-06

Quant Time: Nov 07 03:29:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:24:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	436	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	1424	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	893	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	1950	0.40	ng/ul	0.00
19) Chrysene-d12	21.81	240	1658	0.40	ng/ul	0.00
23) Perylene-d12	24.26	264	1514	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	254	0.57	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.79	152	699	0.30	ng/ul	0.00
17) Fluoranthene-d10	19.70	212	1522	0.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	38	0.079	ng/ul#	83
5) Naphthalene	11.28	128	269	0.067	ng/ul#	62
7) 2-Methylnaphthalene	12.87	142	186	0.067	ng/ul	97
8) 1-Methylnaphthalene	13.09	142	172	0.065	ng/ul	99
10) Acenaphthylene	14.73	152	247	0.062	ng/ul#	69
11) Acenaphthene	15.07	153	192	0.063	ng/ul	94
12) Fluorene	16.04	166	225	0.063	ng/ul#	94
14) Pentachlorophenol	17.36	266	56	0.087	ng/ul	95
15) Phenanthrene	17.76	178	456	0.080	ng/ul#	84
16) Anthracene	17.85	178	368	0.066	ng/ul#	76
18) Fluoranthene	19.73	202	688	0.104	ng/ul#	85
20) Pyrene	20.09	202	650	0.100	ng/ul#	87
21) Benzo(a)anthracene	21.80	228	530	0.087	ng/ul#	87
22) Chrysene	21.85	228	547	0.088	ng/ul#	88
24) Benzo(b)fluoranthene	23.51	252	559	0.092	ng/ul#	68
25) Benzo(k)fluoranthene	23.56	252	477	0.079	ng/ul#	62
26) Benzo(a)pyrene	24.15	252	473	0.086	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.79	276	514	0.079	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.80	278	393	0.073	ng/ul#	61
29) Benzo(g,h,i)perylene	27.58	276	454	0.083	ng/ul#	71

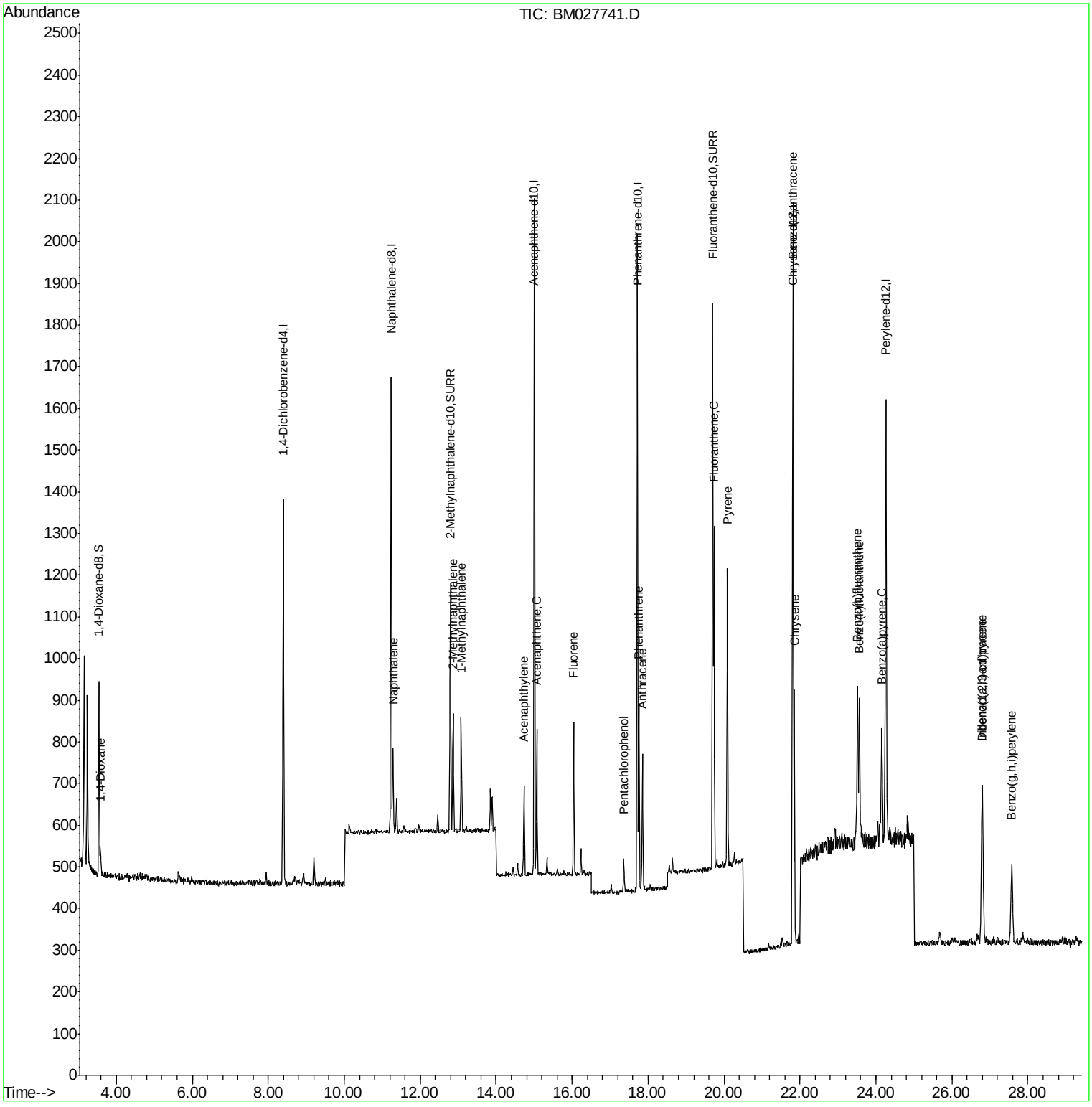
(#) = qualifier out of range (m) = manual integration (+) = signals summed

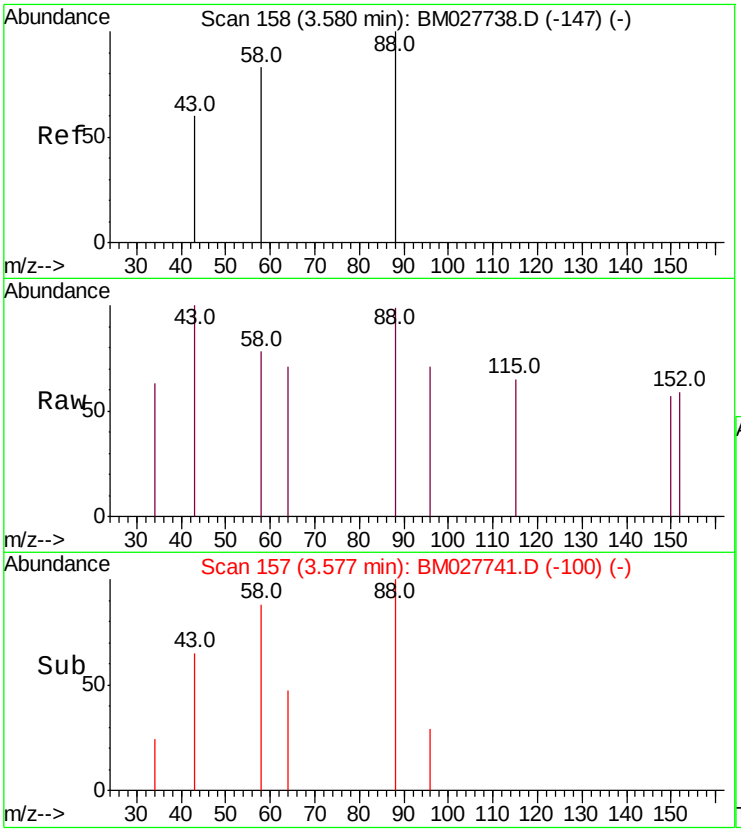
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110720\
Data File : BM027741.D
Acq On : 07 Nov 2020 02:47
Operator : JU/CG
Sample : L4485-06
Misc : SFAM-SIM-MDL-S-07
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Quant Time: Nov 07 03:29:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:24:33 2020
Response via : Initial Calibration



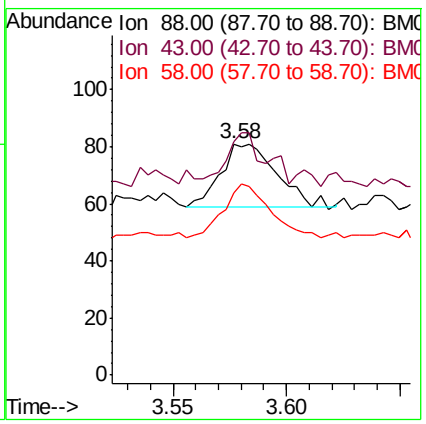


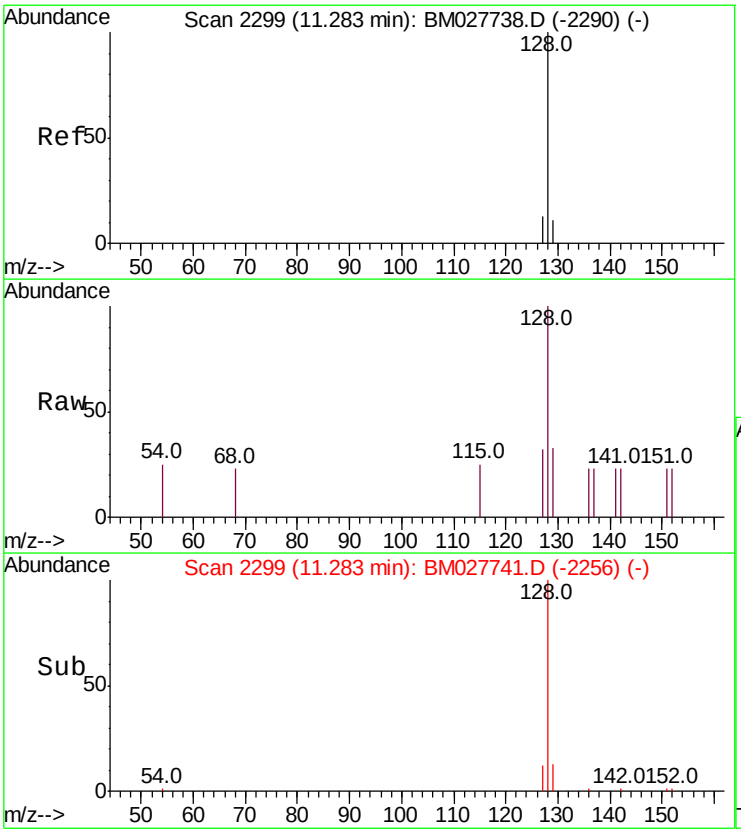
#2
1,4-Dioxane
Concen: 0.079 ng/ul
RT: 3.58 min Scan# 157
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion: 88 Resp: 38

Ion	Ratio	Lower	Upper
88	100		
43	101.2	61.8	92.6#
58	79.0	67.8	101.8

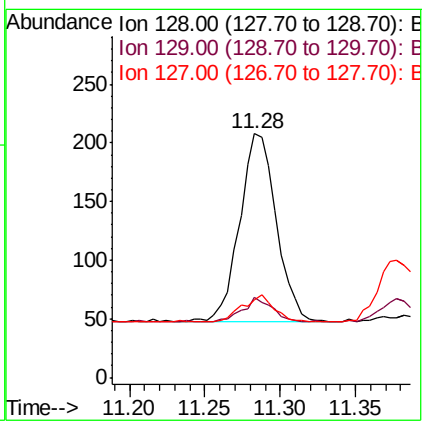


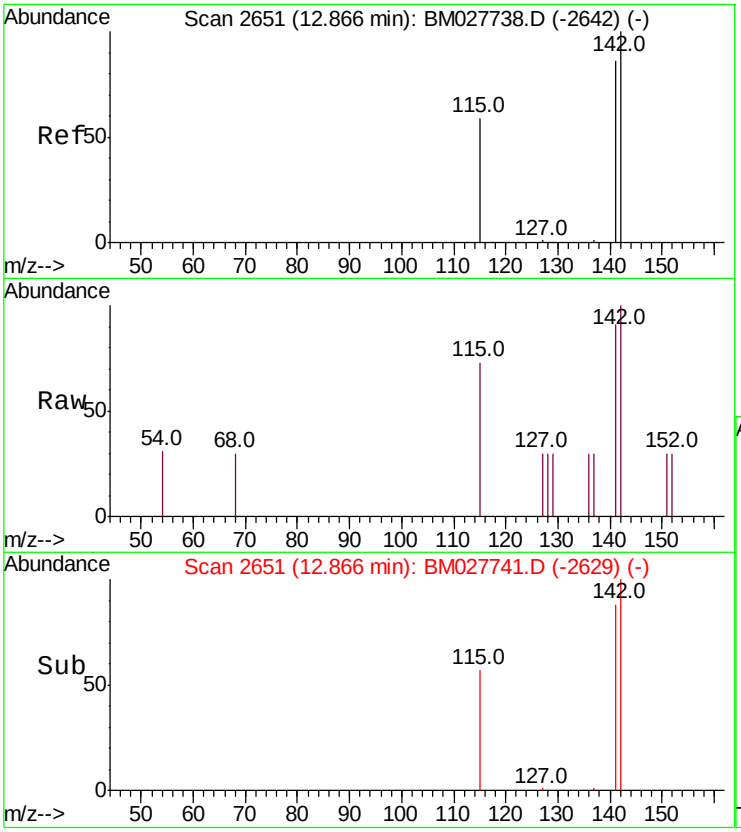


#5
Naphthalene
Concen: 0.067 ng/ul
RT: 11.28 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:128 Resp: 269

Ion	Ratio	Lower	Upper
128	100		
129	32.7	11.7	17.5#
127	31.7	14.0	21.0#



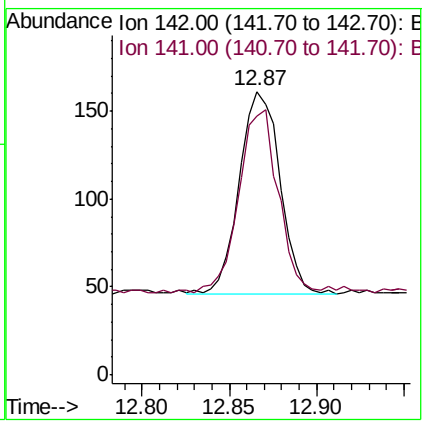


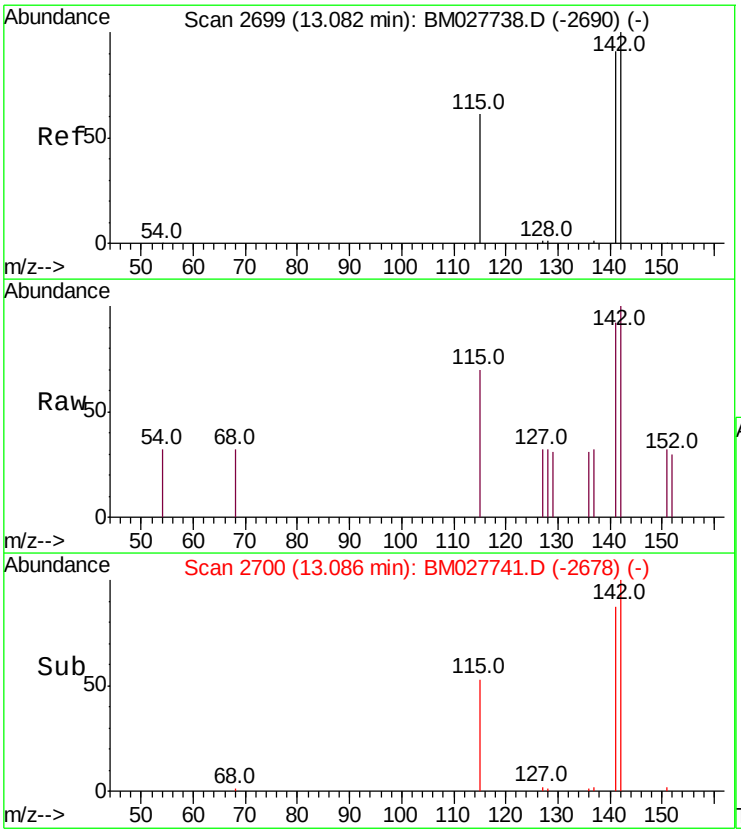
#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.87 min Scan# 2651
Delta R.T. 0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:142 Resp: 186

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.2	106.8

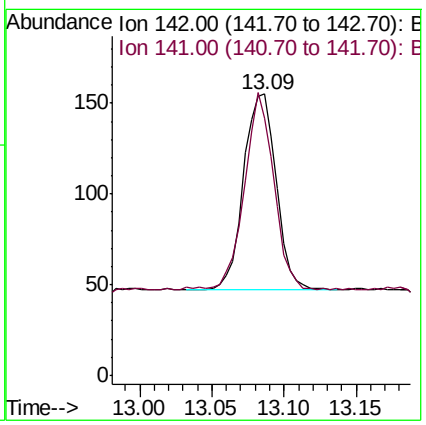


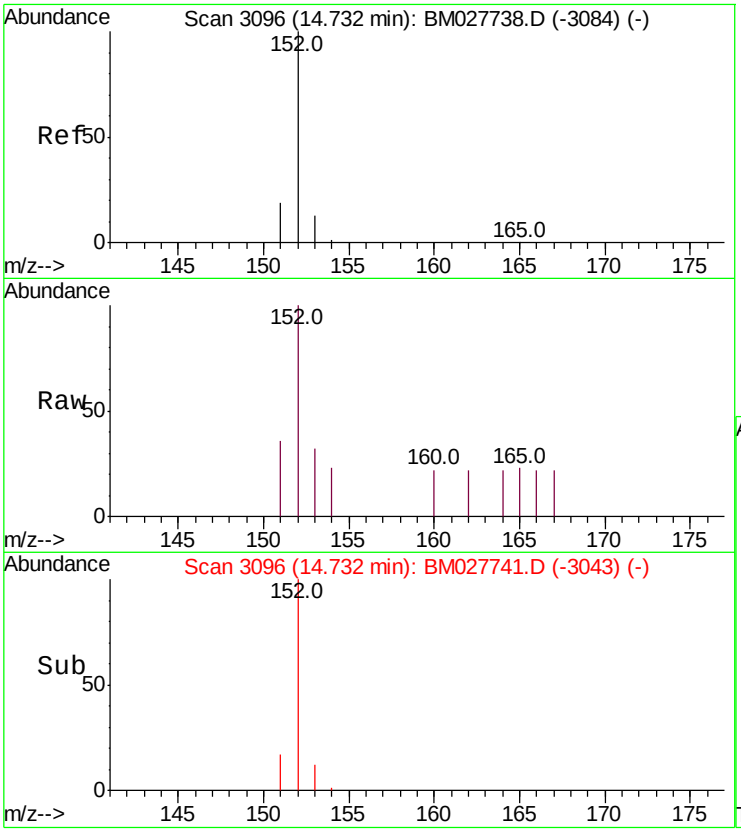


#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 13.09 min Scan# 2700
Delta R.T. 0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:142 Resp: 172

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.1	111.1



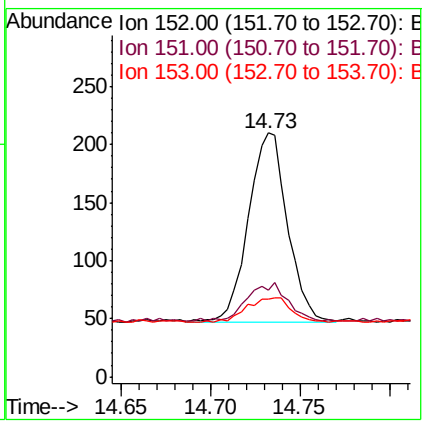


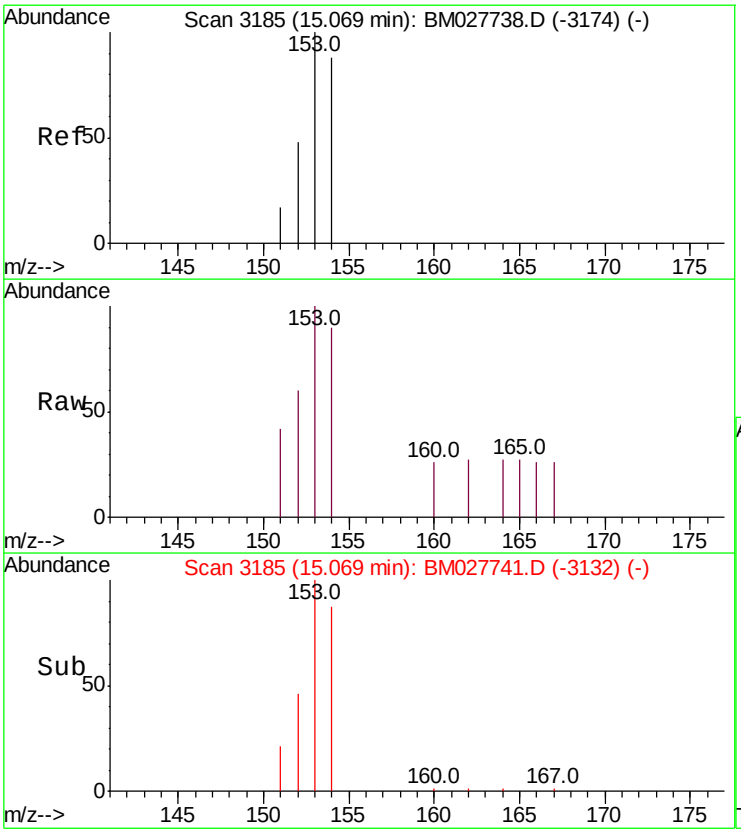
#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.73 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:152 Resp: 247

Ion	Ratio	Lower	Upper
152	100		
151	35.7	17.8	26.8#
153	31.9	13.5	20.3#

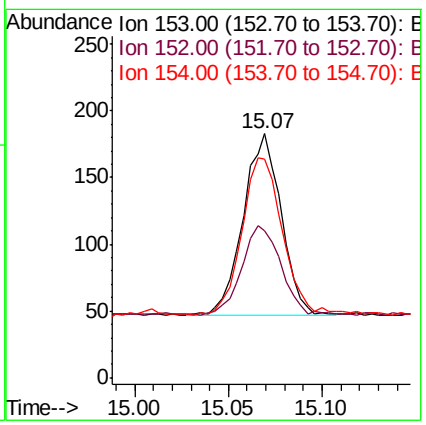


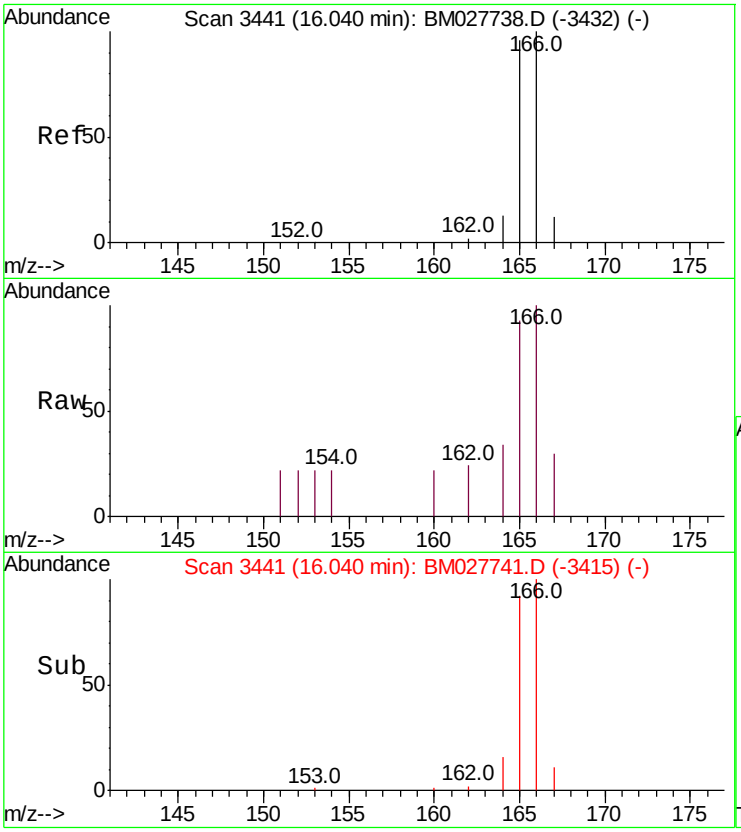


#11
Acenaphthene
Concen: 0.063 ng/ul
RT: 15.07 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:153 Resp: 192

Ion	Ratio	Lower	Upper
153	100		
152	60.1	40.6	60.8
154	89.6	71.0	106.4



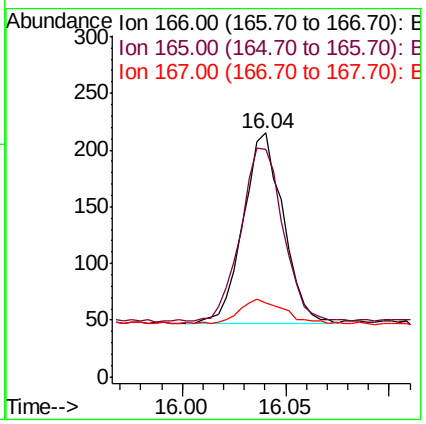


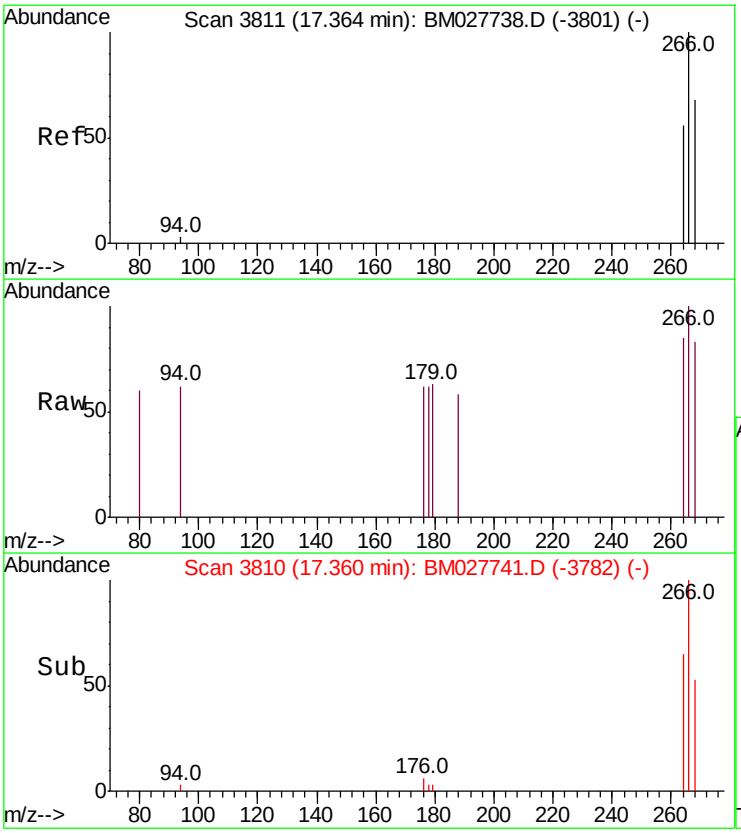
#12
Fluorene
Concen: 0.063 ng/ul
RT: 16.04 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:166 Resp: 225

Ion	Ratio	Lower	Upper
166	100		
165	93.5	76.2	114.4
167	30.2	13.7	20.5#

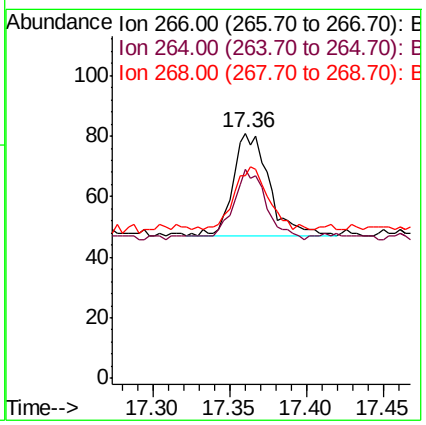


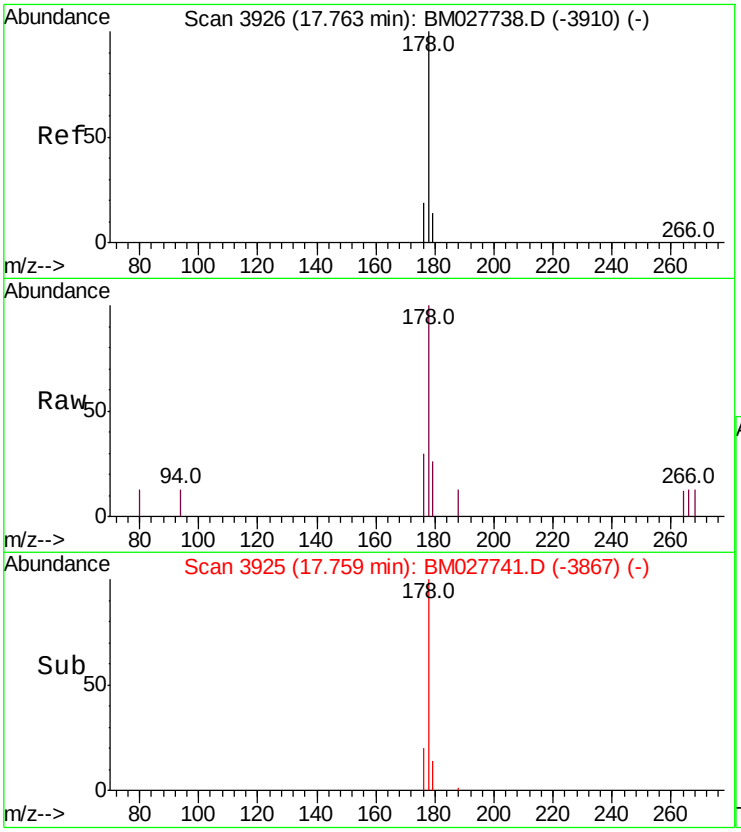


#14
Pentachlorophenol
Concen: 0.087 ng/ul
RT: 17.36 min Scan# 3810
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:266 Resp: 56

Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.2	72.4
268	60.7	53.4	80.0



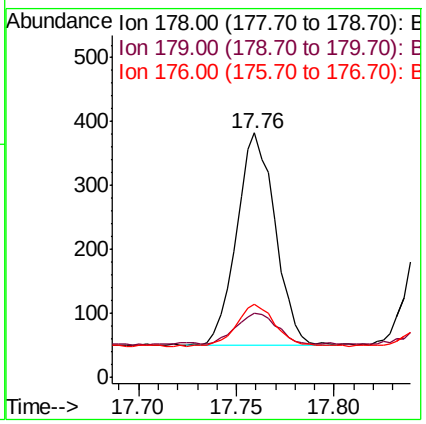


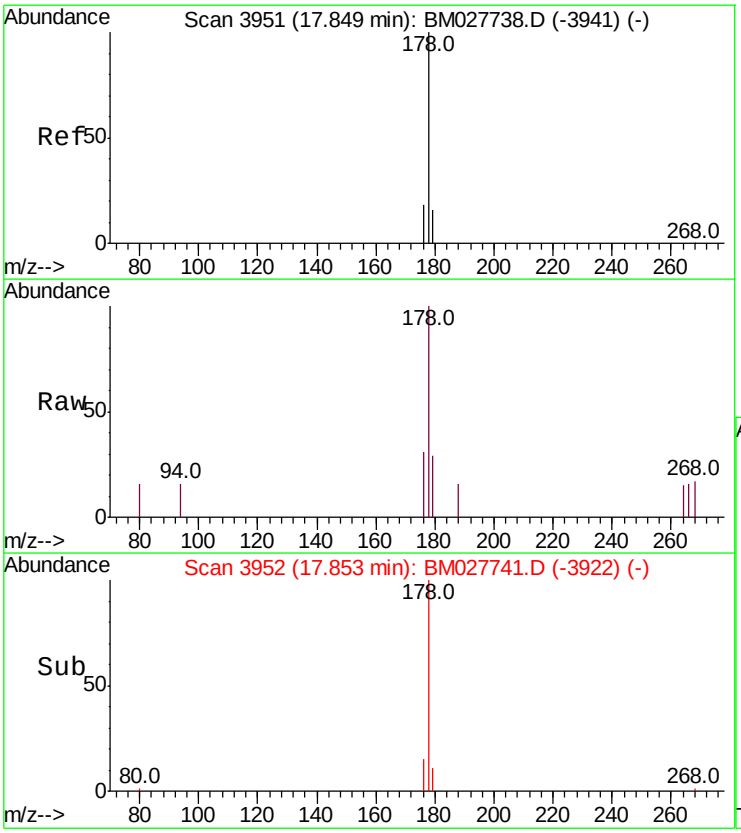
#15
Phenanthrene
Concen: 0.080 ng/ul
RT: 17.76 min Scan# 3925
Delta R.T. 0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:178 Resp: 456

Ion	Ratio	Lower	Upper
178	100		
179	26.2	14.6	22.0#
176	29.6	18.2	27.2#

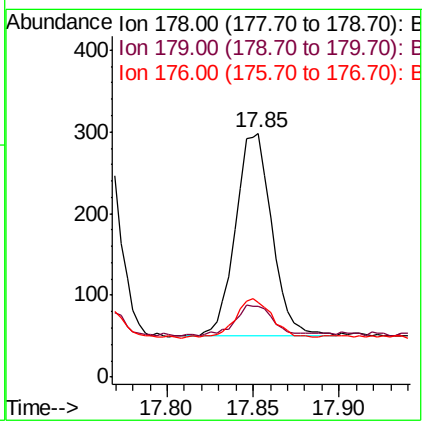


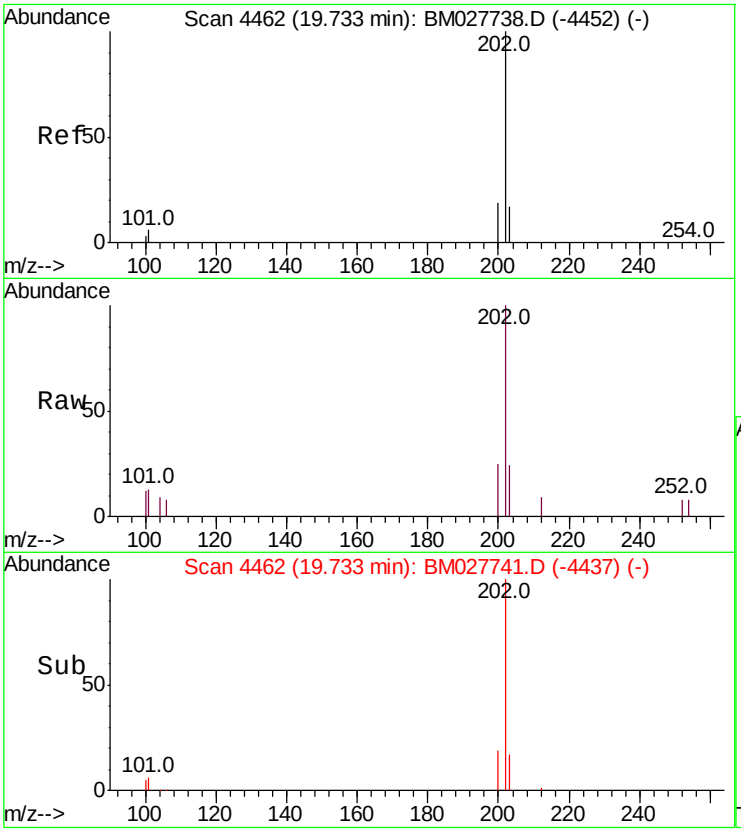


#16
Anthracene
Concen: 0.066 ng/ul
RT: 17.85 min Scan# 3952
Delta R.T. 0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:178 Resp: 368

Ion	Ratio	Lower	Upper
178	100		
179	28.9	14.1	21.1#
176	30.5	16.3	24.5#



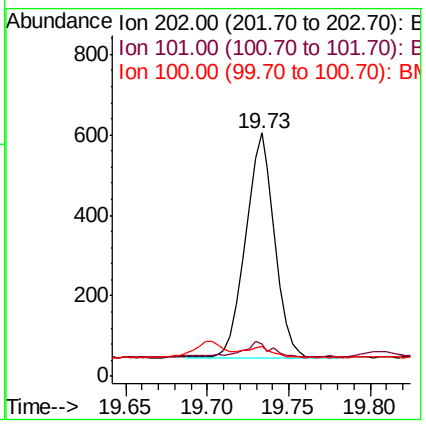


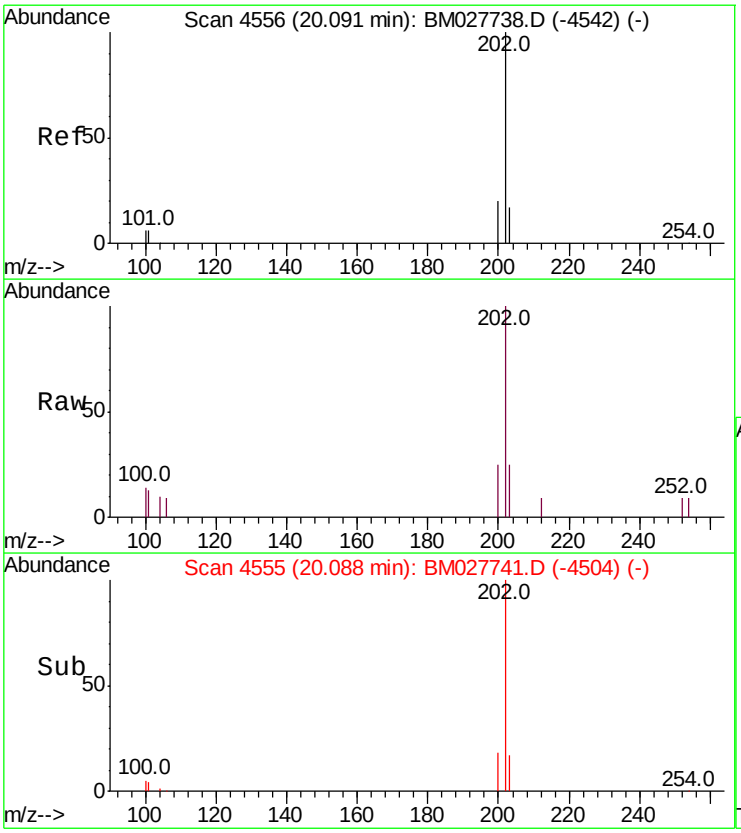
#18
Fluoranthene
Concen: 0.104 ng/ul
RT: 19.73 min Scan# 4462
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:202 Resp: 688

Ion	Ratio	Lower	Upper
202	100		
101	13.2	6.1	9.1#
100	12.1	5.8	8.6#

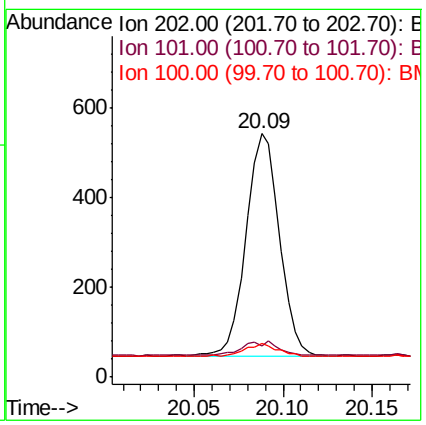


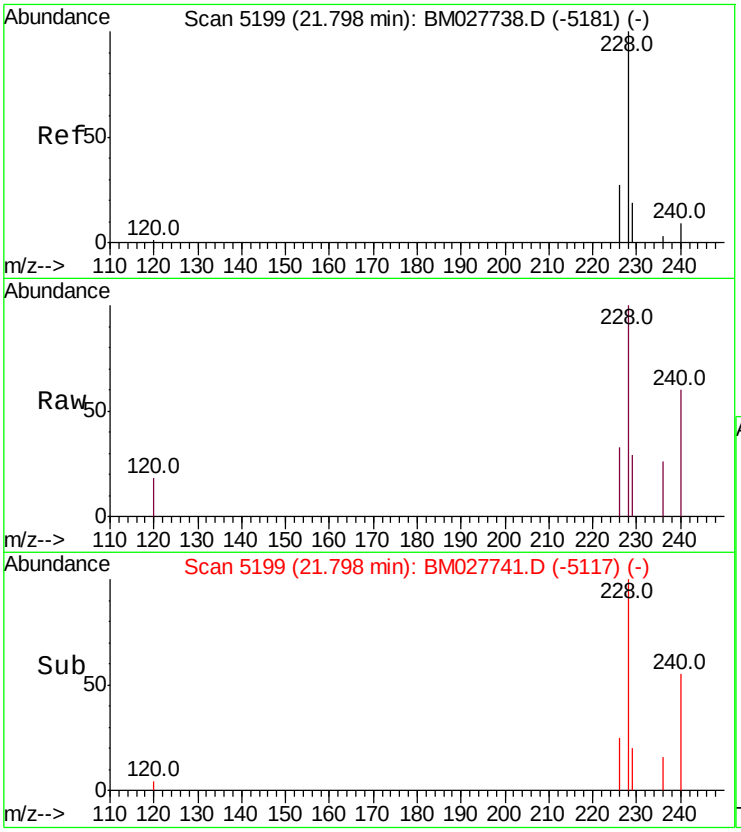


#20
Pyrene
Concen: 0.100 ng/ul
RT: 20.09 min Scan# 4555
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:202 Resp: 650

Ion	Ratio	Lower	Upper
202	100		
101	12.9	7.4	11.0#
100	13.6	6.6	9.8#



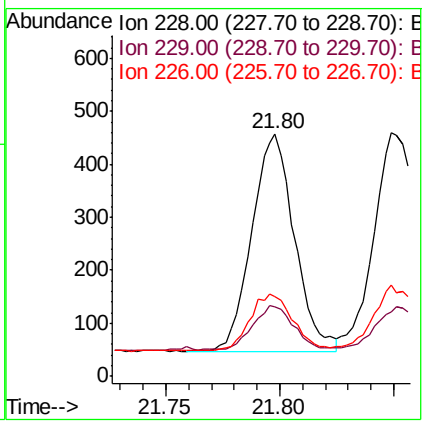


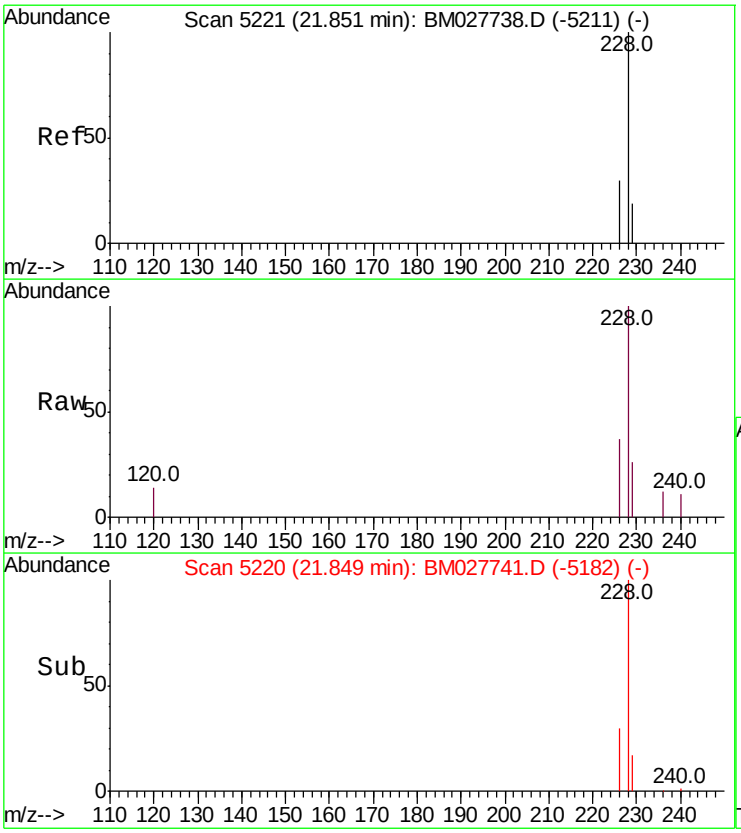
#21
Benzo(a)anthracene
Concen: 0.087 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:228 Resp: 530

Ion	Ratio	Lower	Upper
228	100		
229	28.8	17.0	25.4#
226	32.8	22.0	33.0

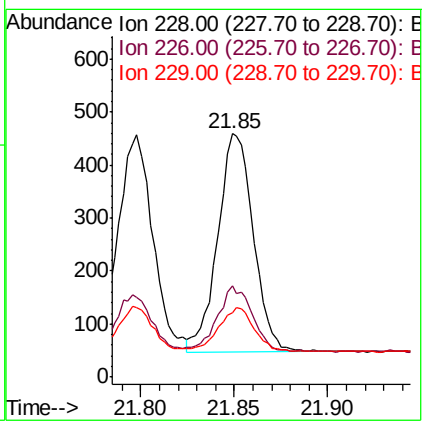


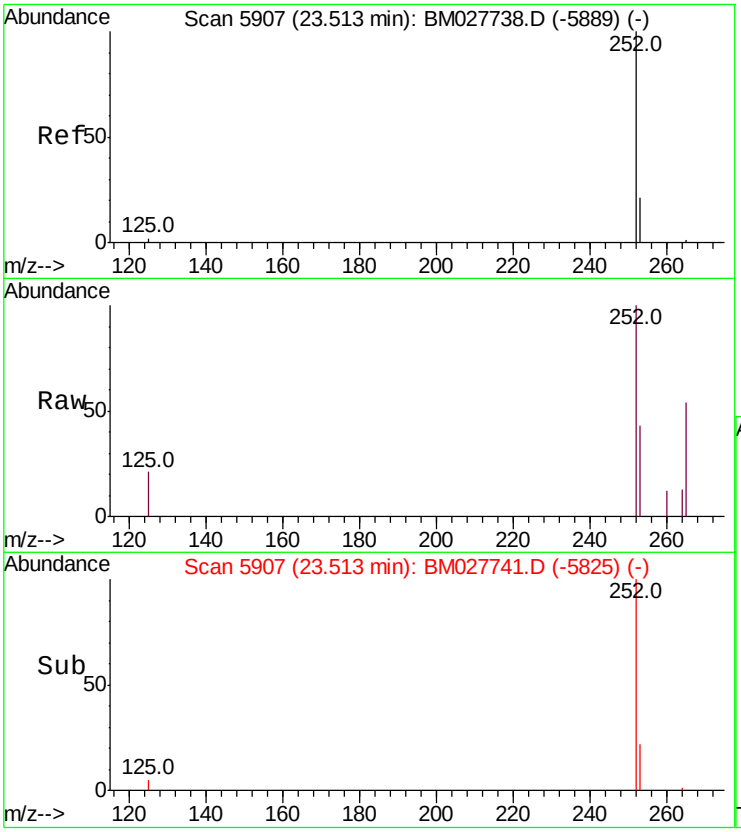


#22
Chrysene
Concen: 0.088 ng/ul
RT: 21.85 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:228 Resp: 547

Ion	Ratio	Lower	Upper
228	100		
226	37.3	24.0	36.0#
229	26.4	16.9	25.3#



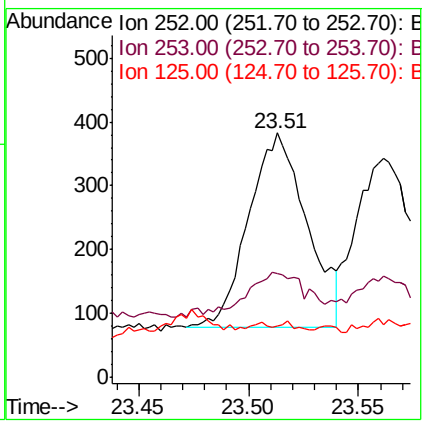


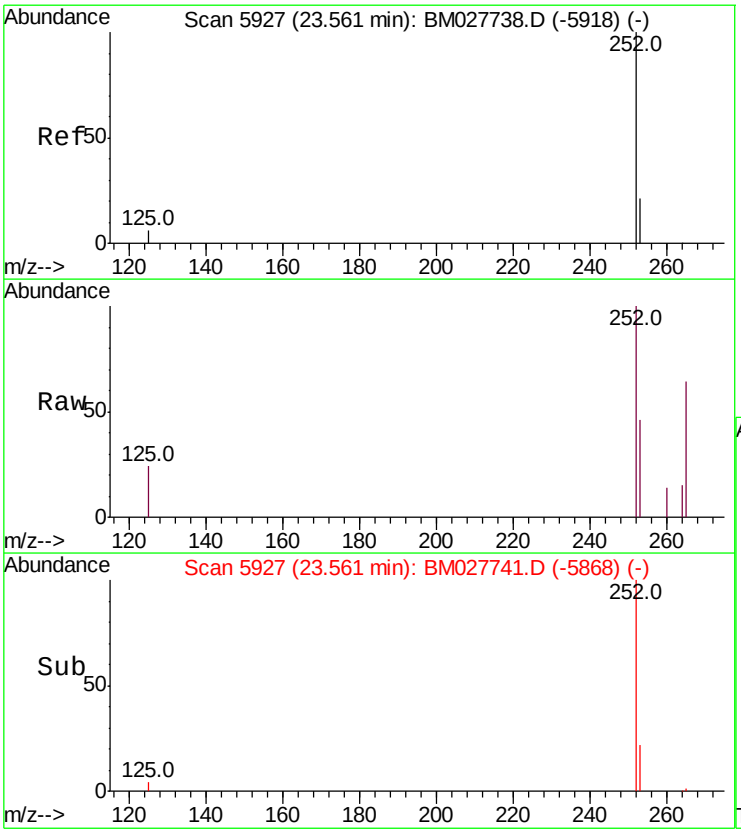
#24
Benzo(b)fluoranthene
Concen: 0.092 ng/ul
RT: 23.51 min Scan# 5907
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:252 Resp: 559

Ion	Ratio	Lower	Upper
252	100		
253	42.6	0.0	53.0
125	20.6	0.0	17.6#

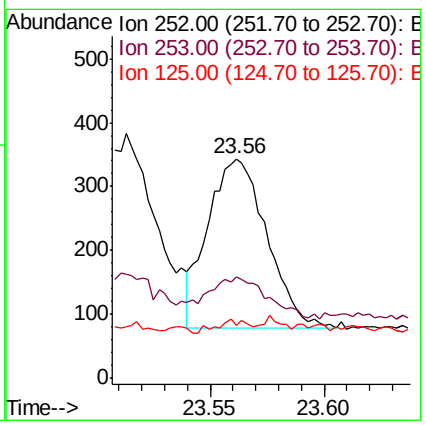


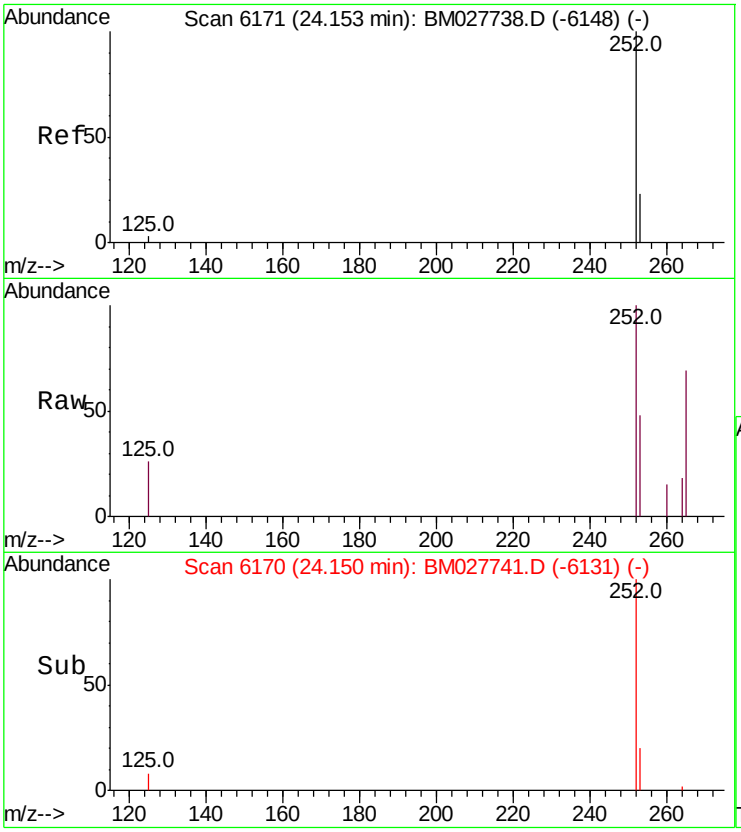


#25
Benzo(k)fluoranthene
Concen: 0.079 ng/ul
RT: 23.56 min Scan# 5927
Delta R.T. -0.01 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:252 Resp: 477

Ion	Ratio	Lower	Upper
252	100		
253	45.9	21.4	32.2#
125	23.8	7.4	11.0#



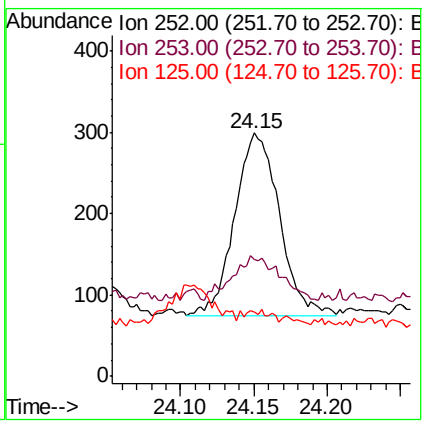


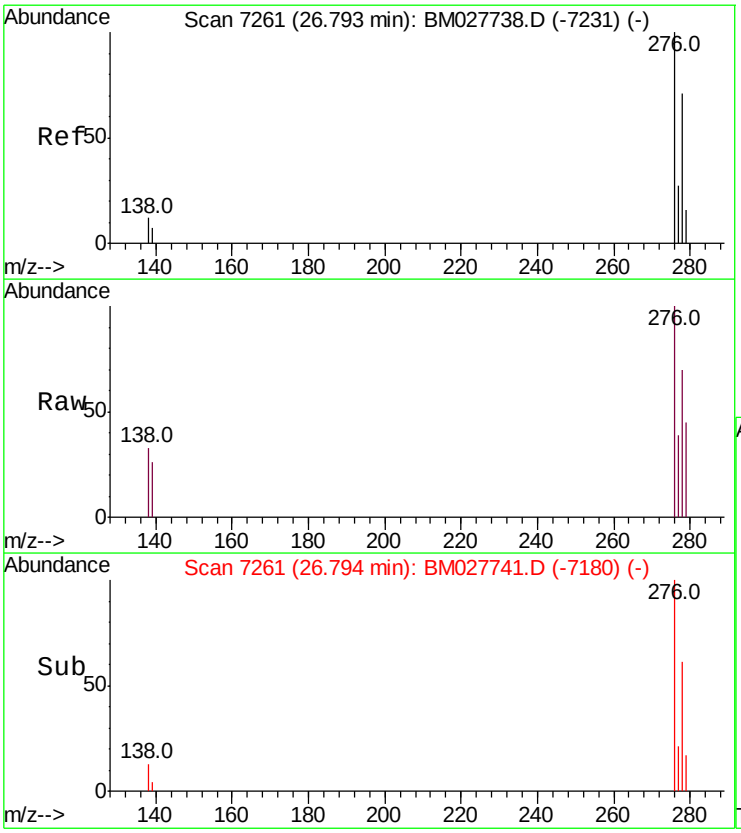
#26
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 24.15 min Scan# 6170
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:252 Resp: 473

Ion	Ratio	Lower	Upper
252	100		
253	48.2	22.3	33.5#
125	26.4	8.8	13.2#

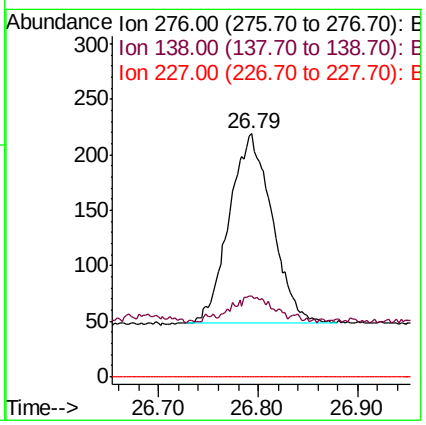


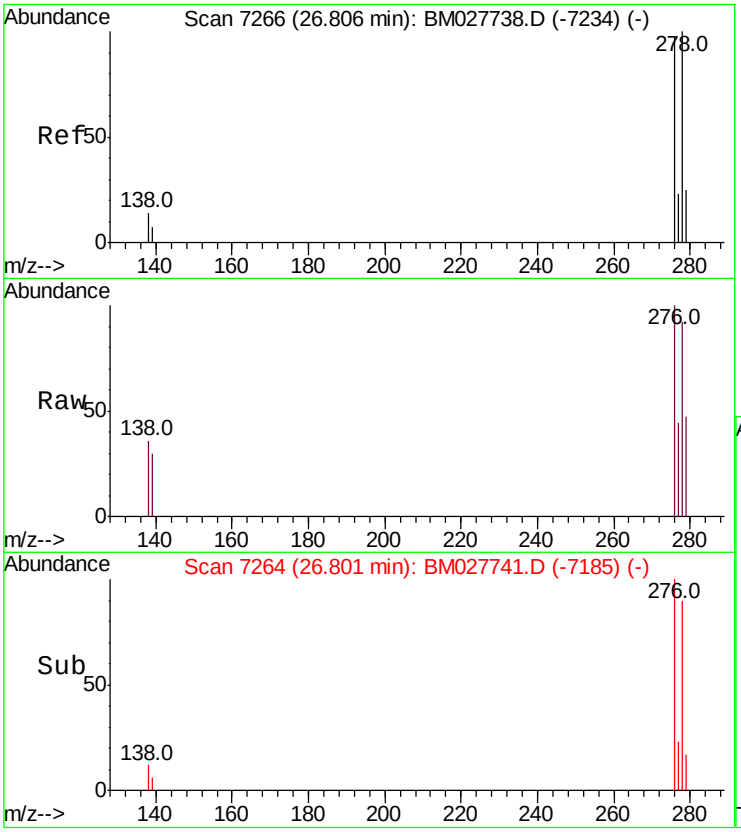


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 26.79 min Scan# 7261
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:276 Resp: 514

Ion	Ratio	Lower	Upper
276	100		
138	12.6	11.0	16.6
227	0.0	0.0	0.0



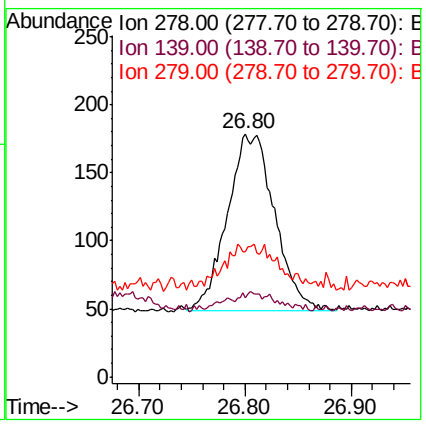


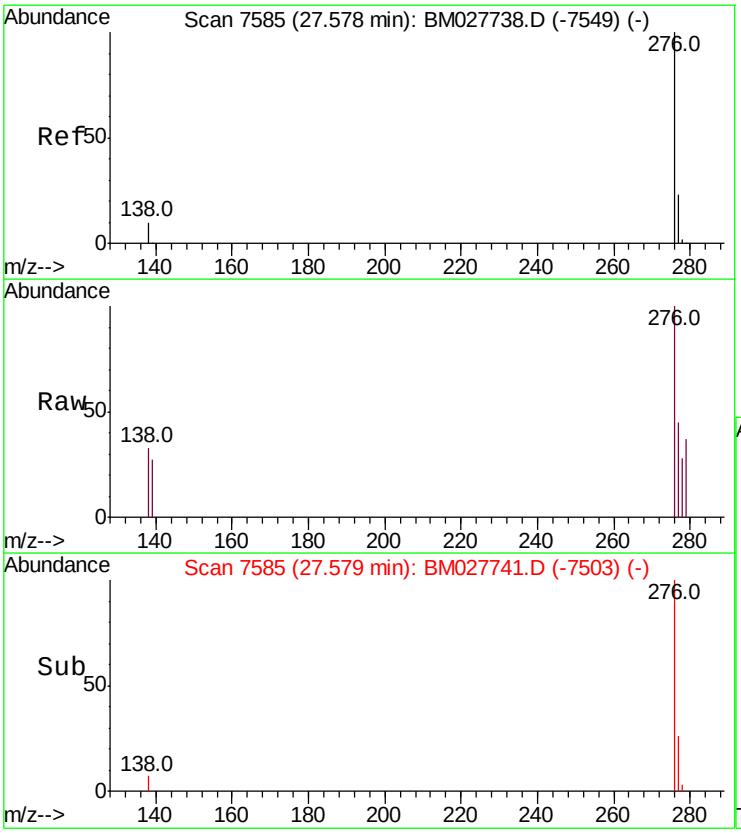
#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 26.80 min Scan# 7264
Delta R.T. -0.01 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tgt Ion:278 Resp: 393

Ion	Ratio	Lower	Upper
278	100		
139	32.4	12.6	18.8#
279	51.4	24.3	36.5#





#29
Benzo(g,h,i)perylene
Concen: 0.083 ng/ul
RT: 27.58 min Scan# 7585
Delta R.T. -0.00 min
Lab File: BM027741.D
Acq: 07 Nov 2020 02:47

Tgt Ion:276 Resp: 454

Ion	Ratio	Lower	Upper
276	100		
138	32.8	15.0	22.4#
277	45.2	24.2	36.2#